

Uploading C:\Program Files\Stnexp\Queries\10803776 str f.str

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptajxh1654

PASSWORD:

***** RECONNECTED TO STN INTERNATIONAL *****
SESSION RESUMED IN FILE 'BIOSIS, HCAPLUS, SCISEARCH'
AT 16:36:24 ON 09 AUG 2007
FILE 'BIOSIS' ENTERED AT 16:36:24 ON 09 AUG 2007
Copyright (c) 2007 The Thomson Corporation
FILE 'HCAPLUS' ENTERED AT 16:36:24 ON 09 AUG 2007
Copyright (c) 2007 AMERICAN CHEMICAL SOCIETY (ACS)
FILE 'SCISEARCH' ENTERED AT 16:36:24 ON 09 AUG 2007
Copyright (c) 2007 The Thomson Corporation

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	240.40	415.38
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-31.98	-31.98

>> file reg	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	240.40	415.38
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-31.98	-31.98

FILE 'REGISTRY' ENTERED AT 16:36:33 ON 09 AUG 2007
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 AUG 2007 HIGHEST RN 944313-22-8
DICTIONARY FILE UPDATES: 8 AUG 2007 HIGHEST RN 944313-22-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

>>

L15 STRUCTURE UPLOADED

=> d l1

L1 ANSWER 1 OF 59 REGISTRY COPYRIGHT 2007 ACS on STN
RN 943175-04-0 REGISTRY
ED Entered STN: 23 Jul 2007
CN α -fetoprotein (human gene APP precursor) (CA INDEX NAME)
OTHER NAMES: US20070154955 SEQID: 6 claimed protein

FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

***RELATED SEQUENCES AVAILABLE WITH SEQLINK**

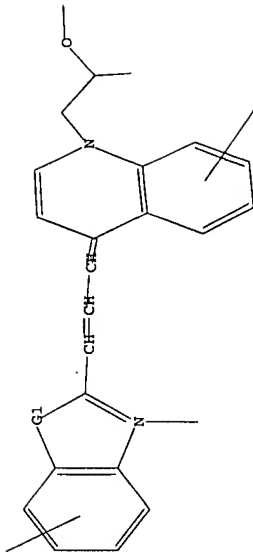
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SOD' OR 'SOIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l15

L15 HAS NO ANSWERS

L15 STR



G1 C.O.S.Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l15 sss sam

GENERIC GROUP NOT VALID HERE

Generic groups may not be used in these circumstances:

1. Any generic group node (e.g., Hy) in a ring.
2. An Ak node attached to another Ak node.

=> s l15 sss full

GENERIC GROUP NOT VALID HERE

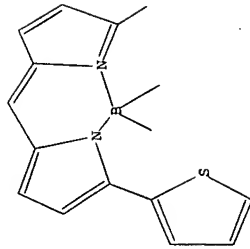
Generic groups may not be used in these circumstances:

1. Any generic group node (e.g., Hy) in a ring.
2. An Ak node attached to another Ak node.

=> Uploading C:\Program Files\Stnexp\Queries\10803667 str e.str

L16 STRUCTURE UPLOADED

=> d l16
L16 HAS NO ANSWERS
L16 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l16 sss sam
SAMPLE SEARCH INITIATED 16:38:28 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2 TO ITERATE
100.0% PROCESSED 2 ITERATIONS
SEARCH TIME: 00.00.01
0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2 TO 124
PROJECTED ANSWERS: 0 TO 0

L17 0 SEA SSS SAM L16

=> s l16 sss full
FULL SEARCH INITIATED 16:38:40 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 26 TO ITERATE
100.0% PROCESSED 26 ITERATIONS
SEARCH TIME: 00.00.01
0 ANSWERS

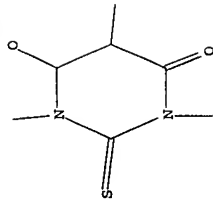
L18 0 SEA SSS FUL L16

=> Uploading C:\Program Files\Stnexp\Queries\10803667 str d.str

L19 STRUCTURE UPLOADED

=> d l9
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:n

=> d l19
L19 HAS NO ANSWERS
L19 STR



Structure attributes must be viewed using STN Express query preparation.

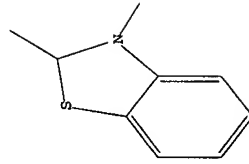
=> s l19 sss full
FULL SEARCH INITIATED 16:39:35 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7758 TO ITERATE
100.0% PROCESSED 7758 ITERATIONS
SEARCH TIME: 00.00.01
2 ANSWERS

L20 2 SEA SSS FUL L19

=> Uploading C:\Program Files\Stnexp\Queries\10803667 strc.str

L21 STRUCTURE UPLOADED

=> d l21
L21 HAS NO ANSWERS
L21 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l21 sss full
FULL SEARCH INITIATED 16:40:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 54448 TO ITERATE
100.0% PROCESSED 54448 ITERATIONS
677 ANSWERS

SEARCH TIME: 00.00.01

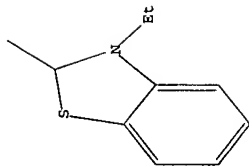
L22 677 SEA SSS FUL L21

=> Uploading C:\Program Files\Stnexp\Queries\10803667 str b.str

L23 STRUCTURE UPLOADED

=> d l23

L23 HAS NO ANSWERS
STR



Structure attributes must be viewed using STN Express query preparation.

=> s l23 sss full
FULL SEARCH INITIATED 16:41:07 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 42683 TO ITERATE

100.0% PROCESSED 42683 ITERATIONS
SEARCH TIME: 00.00.01

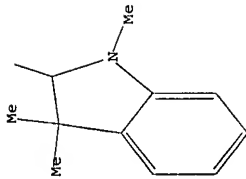
L24 131 SEA SSS FUL L23

=> Uploading C:\Program Files\Stnexp\Queries\10803667 str a.str

L25 STRUCTURE UPLOADED

=> d l25

L25 HAS NO ANSWERS
STR



Structure attributes must be viewed using STN Express query preparation.

=> s l25 sss full
FULL SEARCH INITIATED 16:41:29 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 36330 TO ITERATE

100.0% PROCESSED 36330 ITERATIONS
SEARCH TIME: 00.00.01

L26 458 SEA SSS FUL L25

=> file hcaplus

COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

FILE 'HCAPLUS' ENTERED AT 16:41:34 ON 09 AUG 2007
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SINCE FILE	TOTAL
ENTRY	SESSION
863.80	1279.18
SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-31.98

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FILE COVERS 1907 - 9 Aug 2007 VOL 147 ISS 7
FILE LAST UPDATED: 8 Aug 2007 (20070808/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 15:21:32 ON 09 AUG 2007)

FILE 'REGISTRY' ENTERED AT 15:21:42 ON 09 AUG 2007

59 S CCRGVLD/SQSP

0 S L1 AND CYC7/NTE

0 S L1 AND L10-SQL-14

0 S CDLVDRCCCRGVLD/SQSP

59 S CCRGVLD/SQSP

1 S L5 AND CYC?

16 S L5AASRTOSTYFLTDRTGRDMS/SQSP

6 S L7 AND SQL-484

FILE 'HCAPLUS' ENTERED AT 15:27:42 ON 09 AUG 2007

6 S L8

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGHONOG2, DRUGU, ENBAL, EMBASE, ...' ENTERED AT 15:31:16 ON 09 AUG 2007

DRUGHONOG2, SEA GELATINIZ? (P) (ALPHA (W) AMYLASE) (P) GLUCOMYLASE

0* FILE ADISNEWS

3 FILE AGRICOLA

0* FILE ANTE

0* FILE AQUALINE

4* FILE BIOENG

30 FILE BIOSIS

41* FILE BIOTECHABS

41* FILE BIOTECHDS

0* FILE BIOTECHNO

13 FILE CABA

62 FILE CAPLUS

3* FILE CEABA-VTB

0* FILE CIN

114 FILE DGENE

2 FILE DISSABS

1 FILE EMBASE

1* FILE ESHIOBASE

0* FILE FOMAD

0* FILE FORGE

9* FILE FROSTI

45* FILE FSTA

37 FILE IFIPAT

0* FILE KOSMET

4 FILE LIFESCI

2 FILE MEDLINE

1* FILE NTIS

0* FILE NUTRACUT

14* FILE PASCAL

0* FILE PHARMWL

1 FILE PROMT

15 FILE SCISEARCH

4 FILE TOXCENTER

97 FILE USPATFULL

9 FILE USPAT2

0* FILE WATER

24 FILE WFIDS

24 FILE WFINDEX

QUE GELATINIZ? (P) (ALPHA (W) AMYLASE) (P) GLUCOMYLASE

FILE 'BIOSIS, HCAPLUS, SCISEARCH' ENTERED AT 15:33:09 ON 09 AUG 2007

107 S L10

69 DUP REM L11 (38 DUPLICATES REMOVED)

15 S L12 AND ASPERGILLUS

0 S L12 AND BEER

FILE 'REGISTRY' ENTERED AT 16:36:33 ON 09 AUG 2007

STRUCTURE UPLOADED

STRUCTURE UPLOADED

0 S L16 SSS SAM

0 S L16 SSS FULL

STRUCTURE UPLOADED

2 S L19 SSS FULL

STRUCTURE UPLOADED

677 S L21 SSS FULL

STRUCTURE UPLOADED

131 S L23 SSS FULL

STRUCTURE UPLOADED

458 S L25 SSS FULL

FILE 'HCAPLUS' ENTERED AT 16:41:34 ON 09 AUG 2007

=> s l20 1 l20

L27

=> d l27 ibib abs hitstr1

'HITSTR1' IS NOT A VALID FORMAT FOR FILE 'HCAPLUS'

The following are valid formats:

ABS ----- GI and AB

ALL ----- BIB, AB, IND, RE

APPS ----- AI, PRAI

BIB ----- AN, plus Bibliographic Data and PI table (default)

CAN ----- List of CA abstract numbers without answer numbers

CBIB ----- AN, plus Compressed Bibliographic Data

CLASS ----- IPC, NCL, ECLA, FTERM

DALL ----- ALL, delimited (end of each field identified)

DMAX ----- MAX, delimited for post-processing

FAM ----- AN, PI and PRAI in table, plus Patent Family data

FBIB ----- AN, BIB, plus Patent FAM

IND ----- Indexing data

IPC ----- International Patent Classifications

MAX ----- ALL, plus Patent FAM, RE

PATS ----- PI, SO

SAM ----- CC, SX, TI, ST, IT

SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers; SCAN must be entered on the same line as the DISPLAY, e.g., D SCAN or DISPLAY SCAN)

STD ----- BIB, CLASS

IABS ----- ABS, indented with text labels

IALL ----- ALL, indented with text labels

IBIB ----- BIB, indented with text labels

IMAX ----- MAX, indented with text labels

ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)

OBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations

SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms

HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT) containing hit terms

HITRN ----- HIT RN and its text modification

HITSTR ----- HIT RN, its text modification, its CA index name, and
its structure diagram
HITSBQ ----- HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
FHTSTR ----- First HIT RN, its text modification, its CA index name, and
its structure diagram
FHTSBQ ----- First HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
KWIC ----- Hit term plus 20 words on either side
OCC ----- Number of occurrence of hit term and field in which it occurs
To display a particular field or fields, enter the display field
codes. For a list of the display field codes, enter HELP DFIELDs at
an arrow prompt (=>). Examples of formats include: TI; TI, AU; BIB; ST;
TI, IND; TI, SO. You may specify the format fields in any order and the
information will be displayed in the same order as the format
specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR,
FHTSTR, HITSBQ, FHTSEQ, KWIC, and OCC) may be used with DISPLAY ACC
to view a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):end

=> d his

(FILE 'HOME' ENTERED AT 15:21:32 ON 09 AUG 2007)

FILE 'REGISTRY' ENTERED AT 15:21:42 ON 09 AUG 2007

L1 59 S CCRGDLVD/SOSP
L2 0 S L1 AND CYC7/NTE
L3 0 S L1 AND 10<SQL<14
L4 0 S CDLVGRCCCGDVLDC/SOSP
L5 59 S CCRGDLVD/SOSP
L6 1 S L5 AND CYC?
L7 16 S LSAASWRTQSIYFLLTDREGRDMS/SOSP
L8 6 S L7 AND SQL=484

L9 FILE 'HCAPLUS' ENTERED AT 15:27:42 ON 09 AUG 2007
6 S L8

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGS,
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 15:31:16 ON 09 AUG 2007
SEA GELATINIZ? (P) (ALPHA (W) AMYLASE) (P) GLUCOAMYLASE

0* FILE ADISNEWS
3 FILE AGRICOLA
0* FILE ANTE
0* FILE AQUALINE
4* FILE BIOENG
30 FILE BIOSIS
41* FILE BIOTECHABS
41* FILE BIOTECHDS
0* FILE BIOTECHNO
13 FILE CABA
62 FILE CAPLUS
3* FILE CEABA-VTB
0* FILE CIN
114 FILE DGENE
2 FILE DISSABS
1 FILE EMBASE
1* FILE ESIIOBASE
0* FILE FOMAD

0* FILE FOREGE
9* FILE FROSTI
45* FILE FSTA
37 FILE IFIPAT
0* FILE KOSMET
4 FILE LIFESCI
2 FILE MEDLINE
1* FILE NTIS
0* FILE NUTRACEUT
14* FILE PASCAL
0* FILE PHARMAML
1 FILE PROMT
15 FILE SCISEARCH
4 FILE TOXCENTER
97 FILE USPATFULL
9 FILE USPAT2
0* FILE WATER
24 FILE WPIDS
24 FILE WPINDEX
24 QUE GELATINIZ? (P) (ALPHA (W) AMYLASE) (P) GLUCOAMYLASE

FILE 'BIOSIS, HCAPLUS, SCISEARCH' ENTERED AT 15:33:09 ON 09 AUG 2007
107 S L10
L11 69 DUP REM L11 (38 DUPLICATES REMOVED)
L12 15 S L12 AND ASPERGILLUS
L13 0 S L12 AND BEER
L14

FILE 'REGISTRY' ENTERED AT 16:36:33 ON 09 AUG 2007

L15 STRUCTURE UPLOADED
L16 STRUCTURE UPLOADED
L17 0 S L16 SSS SAM
L18 0 S L16 SSS FULL
L19 STRUCTURE UPLOADED
L20 2 S L19 SSS FULL
L21 STRUCTURE UPLOADED
L22 677 S L21 SSS FULL
L23 STRUCTURE UPLOADED
L24 131 S L23 SSS FULL
L25 STRUCTURE UPLOADED
L26 458 S L25 SSS FULL

FILE 'HCAPLUS' ENTERED AT 16:41:34 ON 09 AUG 2007
1 S L20

=> d 127 hitstr

L27 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS ON STN
IT 142526-79-2 142526-80-5

RL: ANST (Analytical study)
(in malondialdehyde determination by peroxyoxalate chemiluminescence assay,
chemiluminescent reagent and flow injection system and HPLC methods
for)

RN 142526-79-2 HCAPLUS
CN 4,6(1H,5H)-Pyrimidinone, 5-(3-(hexahydro-4-hydroxy-1,3-dimethyl-6-oxo-2-
thioxo-5-pyrimidinyl)-2-propenylidene)dihydro-1,3-dimethyl-2-thioxo- (9CI)
(CA INDEX NAME)

CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 15:31:16 ON 09 AUG 2007
SEA GELATINIZ? (P) (ALPHA (W) AMYLASE) (P) GLUCOAMYLASE

0* FILE ADISNENS
3 FILE AGRICOLA
0* FILE ANTE
0* FILE AQUALINE
4* FILE BIOENG
30 FILE BIOSIS
41* FILE BIOTECHABS
41* FILE BIOTECHDS
0* FILE BIOTECHNO
13 FILE CABA
62 FILE CAPLUS
3* FILE CEABA-VTB
0* FILE CIN
114 FILE DGENE
2 FILE DISSABS
1 FILE EMBASE
1* FILE ESIORBASE
0* FILE FOMAD
0* FILE FOREGE
9* FILE FROSTI
45* FILE FSTA
37 FILE IFIPAT
0* FILE KOSMET
4 FILE LIFESCI
2 FILE MEDLINE
1* FILE NTIS
0* FILE NUTRACEUT
14* FILE PASCAL
0* FILE PHARMWL
1 FILE PROMT
15 FILE SCISEARCH
4 FILE TOXCENTER
97 FILE USPATFULL
9 FILE USPAT2
0* FILE WATER
24 FILE WFIDS
24 FILE WFINDEX
24 QUE GELATINIZ? (P) (ALPHA (W) AMYLASE) (P) GLUCOAMYLASE

L10

FILE 'BIOSIS, HCAPLUS, SCISEARCH' ENTERED AT 15:33:09 ON 09 AUG 2007
107 S L10
69 DUP REM L11 (38 DUPLICATES REMOVED)
15 S L12 AND ASPERGILLUS
0 S L12 AND BEER

L11

L12

L13

L14

FILE 'REGISTRY' ENTERED AT 16:36:33 ON 09 AUG 2007

STRUCTURE UPLOADED
STRUCTURE UPLOADED
0 S L16 SSS SAM
0 S L16 SSS FULL
STRUCTURE UPLOADED
2 S L19 SSS FULL
STRUCTURE UPLOADED
677 S L21 SSS FULL
STRUCTURE UPLOADED
131 S L23 SSS FULL
STRUCTURE UPLOADED
458 S L25 SSS FULL

L15

L16

L17

L18

L19

L20

L21

L22

L23

L24

L25

L26

FILE 'HCAPLUS' ENTERED AT 16:41:34 ON 09 AUG 2007
1 S L20
284 S L22
3 S L28 AND POLYMETHINE DYE

=> d l29 hitstr1-3
'HITSTR1-3' IS NOT A VALID FORMAT FOR FILE 'HCAPLUS'

The following are valid formats:

ABS ----- GI and AB
ALL ----- BIB, AB, IND, RE
APPS ----- AI, PRAI
BIB ----- AN, plus Bibliographic Data and PI table (default)
CAN ----- List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
CLASS ----- IPC, NCL, ECLA, FTERM
DALL ----- ALL, delimited (end of each field identified)
DMAX ----- MAX, delimited for post-processing
FAM ----- AN, PI and PRAI in table, plus Patent Family data
FRIB ----- AN, BIB, plus Patent FAM
IND ----- Indexing data
IPC ----- International Patent Classifications
MAX ----- ALL, plus Patent FAM, RE
PATS ----- PI, SO
SAM ----- CC, SX, TI, ST, IT
SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)
STD ----- BIB, CLASS

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IMAX ----- MAX, indented with text labels
ISTD ----- STD, indented with text labels
OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms
HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
containing hit terms
HITRN ----- HIT RN and its text modification
HITSTR ----- HIT RN, its text modification, its CA index name, and
its structure diagram
HITSEQ ----- HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
KWIC ----- Hit term plus 20 words on either side
OCC ----- Number of occurrence of hit term and field in which it occurs

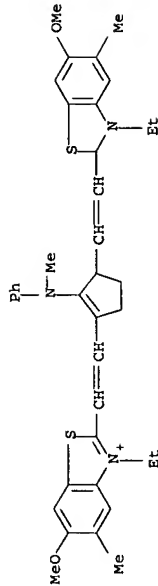
To display a particular field or fields, enter the display field
codes. For a list of the display field codes, enter HELP DFIELDS at
an arrow prompt (=). Examples of formats include: TI; TI, AU; BIB, ST;
TI, IND; TI, SO. You may specify the format fields in any order and the
information will be displayed in the same order as the format
specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, HITSTR, HITSEQ, PHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):end

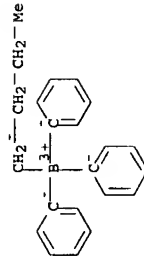
=> d l29 hitstr 1-3

L29 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
IT 166526-88-IP
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(manufacture of cationic polymethine dye-borate complexes by anion exchange in homogeneous solns.)
RN 166526-88-1 HCAPLUS
CN Benzothiazolium, 3-ethyl-2-[2-(3-ethyl-2,3-dihydro-6-methoxy-5-methyl-2-benzothiazolyl)ethenyl]-2-(methylphenylamino)-1-cyclopenten-1-yl]ethenyl]-6-methoxy-5-methyl-, (T-4)-butyltriphenylborate(1-) (9CI) (CA INDEX NAME)

CM 1
CRN 166526-87-0
CMF C38 H44 N3 O2 S2

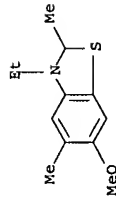


CM 2
CRN 47252-39-1
CMF C22 H24 B
CCI CCS

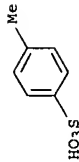


IT 166526-92-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(manufacture of cationic polymethine dye-borate complexes by anion exchange in homogeneous solns.)
RN 166526-92-7 HCAPLUS
CN Benzothiazole, 3-ethyl-2,3-dihydro-6-methoxy-2,5-dimethyl-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

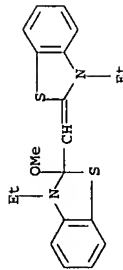
CM 1
CRN 166526-91-6
CMF C12 H17 N O S



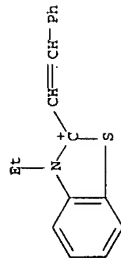
CM 2
CRN 104-15-4
CMF C7 H8 O3 S



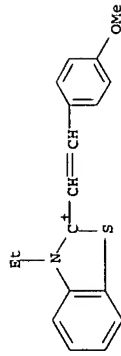
L29 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
IT 96643-33-3P
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and acidification of)
RN 96643-33-3 HCAPLUS
CN Benzothiazole, 3-ethyl-2-[(3-ethyl-2(3H)-benzothiazolylidene)methyl]-2,3-dihydro-2-methoxy- (9CI) (CA INDEX NAME)



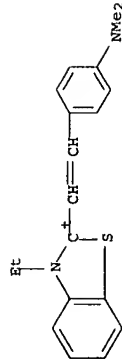
L29 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
IT 50963-17-2 50963-18-3 50963-19-4
50963-20-7 50963-21-8 50963-22-9
50963-23-0 50963-24-1 50963-25-2
50963-26-3 50963-27-4 50963-28-5
50963-29-6 50963-30-9
RL: PRP (Properties)
(electronic absorption spectra of, calcn. of)
RN 50963-17-2 HCAPLUS
CN 2-benzothiazolylum, 3-ethyl-2,3-dihydro-2-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



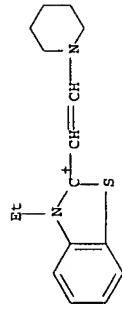
RN 50963-18-3 HCAPLUS
CN 2-Benzothiazolium, 3-ethyl-2,3-dihydro-2-[2-(4-methoxyphenyl)ethenyl]-
(9CI) (CA INDEX NAME)



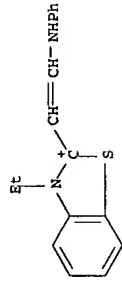
RN 50963-19-4 HCAPLUS
CN 2-Benzothiazolium, 2-[2-[4-(dimethylamino)phenyl]ethenyl]-3-ethyl-2,3-
dihydro- (9CI) (CA INDEX NAME)



RN 50963-20-7 HCAPLUS
CN 2-Benzothiazolium, 3-ethyl-2,3-dihydro-2-[2-(1-piperidinyl)ethenyl]-
(9CI) (CA INDEX NAME)

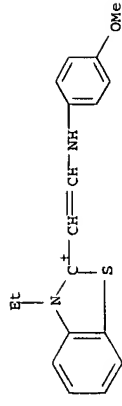


RN 50963-21-8 HCAPLUS
CN 2-Benzothiazolium, 3-ethyl-2,3-dihydro-2-[2-(phenylamino)ethenyl]-
(CA INDEX NAME)

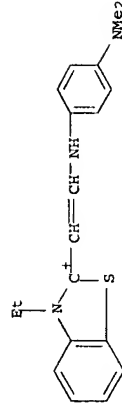


RN 50963-26-3 HCAPLUS
CN 2-Benzothiazolium, 3-ethyl-2-[2-(1-ethyl-2,5-dimethyl-1H-pyrrol-3-
yl)ethenyl]-2,3-dihydro-4-nitro- (9CI) (CA INDEX NAME)

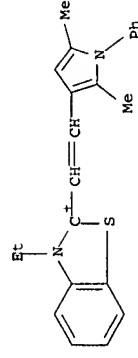
RN 50963-22-9 HCAPLUS
CN 2-Benzothiazolium, 3-ethyl-2,3-dihydro-2-[2-[(4-
methoxyphenyl)amino]ethenyl]- (9CI) (CA INDEX NAME)



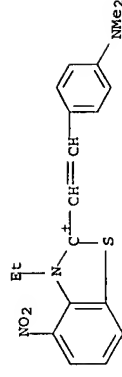
RN 50963-23-0 HCAPLUS
CN 2-Benzothiazolium, 2-[2-[(4-(dimethylamino)phenyl)amino]ethenyl]-3-ethyl-
2,3-dihydro- (9CI) (CA INDEX NAME)

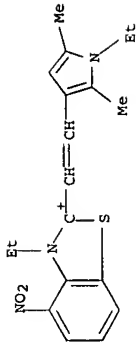


RN 50963-24-1 HCAPLUS
CN 2-Benzothiazolium, 2-[2-(2,5-dimethyl-1-phenyl-1H-pyrrol-3-yl)ethenyl]-3-
ethyl-2,3-dihydro- (9CI) (CA INDEX NAME)

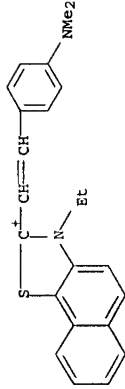


RN 50963-25-2 HCAPLUS
CN 2-Benzothiazolium, 2-[2-[(4-(dimethylamino)phenyl)ethenyl]-3-ethyl-2,3-
dihydro-4-nitro- (9CI) (CA INDEX NAME)

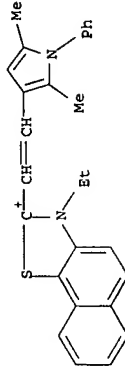




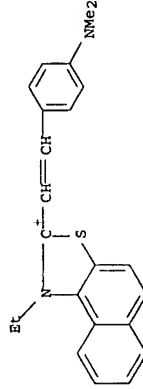
RN 50963-27-4 HCAPLUS
CN Naphtho[2,1-d]thiazol-2-ylidene, 2-[2-(4-(dimethylamino)phenyl)ethenyl]-3-ethyl-1,2-dihydro- (9CI) (CA INDEX NAME)



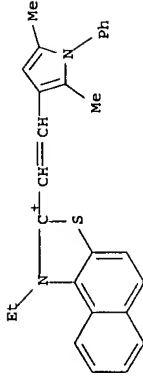
RN 50963-28-5 HCAPLUS
CN Naphtho[2,1-d]thiazol-2-ylidene, 2-[2-(2,5-dimethyl-1-phenyl-1H-pyrrol-3-yl)ethenyl]-3-ethyl-1,2-dihydro- (9CI) (CA INDEX NAME)



RN 50963-29-6 HCAPLUS
CN Naphtho[1,2-d]thiazol-2-ylidene, 2-[2-(4-(dimethylamino)phenyl)ethenyl]-1-ethyl-1,2-dihydro- (9CI) (CA INDEX NAME)



RN 50963-30-9 HCAPLUS
CN Naphtho[1,2-d]thiazol-2-ylidene, 2-[2-(2,5-dimethyl-1-phenyl-1H-pyrrol-3-yl)ethenyl]-1-ethyl-1,2-dihydro- (9CI) (CA INDEX NAME)



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(FILE 'HOME' ENTERED AT 15:21:32 ON 09 AUG 2007)

FILE 'REGISTRY' ENTERED AT 15:21:42 ON 09 AUG 2007

L1 59 S CCRGDVLD/SQSP
L2 0 S L1 AND CYC?/NTE
L3 0 S L1 AND 10<SOL<14
L4 0 S CDLVDRGCCCRGDVLD/SQSP
L5 59 S CCRGDVLD/SQSP
L6 1 S L5 AND CYC?
L7 16 S LSAASWRTQSYFLLTDRFGRDMS/SQSP
L8 6 S L7 AND SOL=484

FILE 'HCAPLUS' ENTERED AT 15:27:42 ON 09 AUG 2007

L9 6 S L8

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGO, EMBAL, EMBASE, ...' ENTERED AT 15:31:16 ON 09 AUG 2007
SEA GELATINIZ? (P) (ALPHA (W) AMYLASE) (P) GLUCOAMYLASE

0* FILE ADISNEWS
3 FILE AGRICOLA
0* FILE ANTE
0* FILE AQUALINE
4* FILE BIOENG
30 FILE BIOSIS
41* FILE BIOTECHABS
41* FILE BIOTECHDS
0* FILE BIOTECHNO
13 FILE CABA
62 FILE CAPLUS
3* FILE CEABA-VTB
0* FILE CIN
114 FILE DGENE
2 FILE DISSABS
1 FILE EMBASE
1* FILE EMBIOBASE
0* FILE FOMAD
0* FILE FOREG
9* FILE FROSTI
45* FILE FSTA
37 FILE IFIPAT
0* FILE KOSMET
4 FILE LIFESCI
2 FILE MEDLINE
1* FILE NTIS
0* FILE NUTRACEUT
14* FILE PASCAL
0* FILE PHARMAML

1 FILE PROMT
15 FILE SCISEARCH
4 FILE TOXCENTER
97 FILE USPATFULL
9 FILE USPAT2
0* FILE WATER
24 FILE WPIFS
24 FILE WPIINDEX
L10 QUE GELATINIZ? (P) (ALPHA (W) AMYLASE) (P) GLUCOAMYLASE

L11 FILE 'BIOSIS, HCAPLUS, SCISEARCH' ENTERED AT 15:33:09 ON 09 AUG 2007
L12 107 S L10
L13 69 DUP REM L11 (38 DUPLICATES REMOVED)
L14 15 S L12 AND ASPERGILLUS
0 S L12 AND BEER

L15 FILE 'REGISTRY' ENTERED AT 16:36:33 ON 09 AUG 2007
L16 STRUCTURE UPLOADED
L17 STRUCTURE UPLOADED
L18 0 S L16 SSS SAM
L19 0 S L16 SSS FULL
L20 STRUCTURE UPLOADED
L21 2 S L19 SSS FULL
L22 STRUCTURE UPLOADED
L23 677 S L21 SSS FULL
L24 STRUCTURE UPLOADED
L25 131 S L23 SSS FULL
L26 STRUCTURE UPLOADED
458 S L25 SSS FULL

L27 FILE 'HCAPLUS' ENTERED AT 16:41:34 ON 09 AUG 2007
L28 1 S L20
L29 284 S L22
3 S L28 AND POLYMETHINE DYE

=> s 128 and dye
271118 DYE
220719 DYES
350920 DYE (DYE OR DYES)
L30 80 L28 AND DYE
=> s 124
L31 58 L24

=> s 131 and polymethine dye
2842 POLYMETHINE
252 POLYMETHINES
.2905 POLYMETHINE (POLYMETHINE OR POLYMETHINES)
271118 DYE
220719 DYES
350920 DYE (DYE OR DYES)
1872 POLYMETHINE DYE
(POLYMETHINE(W)DYE)
L32 3 L31 AND POLYMETHINE DYE

=> d 132 1-3 ibib

L32 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:742943 HCAPLUS
DOCUMENT NUMBER: 123:115332

TITLE: Manufacture of cationic *polymethine dye*-borate complexes by anion exchange in homogeneous solutions
INVENTOR(S): Sato, Takashi; Hagiwara, Toshio; Kimura, Yoshio
PATENT ASSIGNEE(S): Tokuyama Sekyu Kagaku Kk, Japan; Showa Denko Kk
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAP
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. CODNT: 1
PATENT INFORMATION:
PATENT NO. KIND DATE APPLICATION NO. DATE

JP 07150069 A 19950613 JP 1993-321225 19931126
JP 3418706 B2 20030623 JP 1993-321225 19931126
PRIORITY APPLN. INFO.:
OTHER SOURCE(S): MARPAT 123:115332
L32 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1985:222138 HCAPLUS
DOCUMENT NUMBER: 102:222138
TITLE: Reactions of *polymethine dyes*. I.
Synthesis of pseudobases of *polymethine dyes* and their reactions
AUTHOR(S): Vompe, A. F.; Ivanova, L. V.; Meskhi, L. M.; Monich, N. V.; Raikhina, R. D.
CORPORATE SOURCE: Vses. Gos. Nauchno-Issled. Proektn. Inst.
Khim.-Fotogr. Prom., Moscow, USSR
SOURCE: Zhurnal Organicheskoi Khimii (1985), 21(3), 584-94
CODEN: ZORKAE; ISSN: 0514-7492
DOCUMENT TYPE: Journal
LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 102:222138
L32 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1974:16416 HCAPLUS
DOCUMENT NUMBER: 80:16416
TITLE: LCAO MO calculations of sulfur-containing π -electron systems. XXIV. No-bond S,S-interaction in *polymethine dyes*
AUTHOR(S): Fabian, J.; Hartmann, H.; Fabian, K.
CORPORATE SOURCE: Sekt. Chem., Tech. Univ., Dresden, Ger. Dem. Rep.
SOURCE: Tetrahedron (1973), 29(17), 2609-19
CODEN: TETRAE; ISSN: 0040-4020
DOCUMENT TYPE: Journal
LANGUAGE: German
=> d his
(FILE 'HOME' ENTERED AT 15:21:32 ON 09 AUG 2007)
FILE 'REGISTRY' ENTERED AT 15:21:42 ON 09 AUG 2007
59 S CCRGDVLD/SOSP
0 S L1 AND CYC?/NTE
0 S L1 AND 10-SOL-14
0 S CDLVDSRCCCRGDVLD/SOSP
59 S CCRGDVLD/SOSP
1 S L5 AND CYC?
16 S LSASWRTOSIYFLLTDRFGRDMS/SOSP
6 S L7 AND SOL=484
L1
L2
L3
L4
L5
L6
L7
L8

L9

6 S L8

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 15:31:16 ON 09 AUG 2007
SEA GELATINIZ? (P) (ALPHA (W) AMYLASE) (P) GLUCOAMYLASE

0* FILE ADISNEWS

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15 FILE SCISEARCH

4 FILE TOXCENTER

97 FILE USPATFULL

9 FILE USPAT2

0* FILE WATER

24 FILE WPIDS

24 FILE WPINDEX

QUE GELATINIZ? (P) (ALPHA (W) AMYLASE) (P) GLUCOAMYLASE

L10

FILE 'BIOSIS, HCAPLUS, SCISEARCH' ENTERED AT 15:33:09 ON 09 AUG 2007

107 S L10

69 DUP REM L11 (38 DUPLICATES REMOVED)

15 S L12 AND ASPERGILLUS

0 S L12 AND BEER

FILE 'REGISTRY' ENTERED AT 16:36:33 ON 09 AUG 2007

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0* FILE AQUALINE

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41* FILE BIOTECHDS

0* FILE BIOTECHNO

13 FILE CABA

62 FILE CAPLUS

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0* FILE WATER

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24 FILE WPINDEX

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0* FILE ANTE

0* FILE AQUALINE

4* FILE BIOENG

30 FILE BIOSIS

41* FILE BIOTECHABS

41* FILE BIOTECHDS

0* FILE BIOTECHNO

13 FILE CABA

62 FILE CAPLUS

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0* FILE FOMAD

0* FILE FOREGE

9* FILE FROSTI

45* FILE FSTA

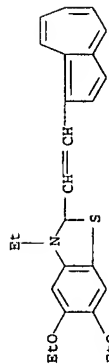
37 FILE IFIPAT

0* FILE KOSMET

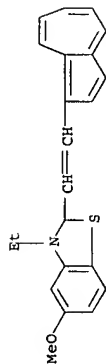
4 FILE LIFESCI

2 FILE MEDLINE

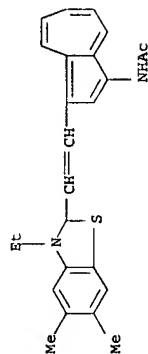
RN 95822-13-2 HCAPLUS
CN Benzothiazoline, 2-[2-(1-azulenyl)vinyl]-5,6-diethoxy-3-ethyl- (7CI) (CA INDEX NAME)



RN 95941-77-8 HCAPLUS
CN Benzothiazoline, 2-[2-(1-azulenyl)vinyl]-3-ethyl-5-methoxy- (7CI) (CA INDEX NAME)

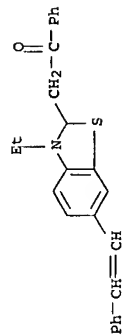


RN 96587-99-4 HCAPLUS
CN Acetamide, N-[3-[2-(3-ethyl-5,6-dimethyl-2-benzothiazolyl)vinyl]-1-azulenyl]- (7CI) (CA INDEX NAME)



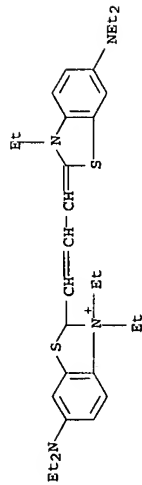
L30 ANSWER 66 OF 80 HCAPLUS COPYRIGHT 2007 ACS on STN
IT 856786-71-5P, Acetophenone, 2-(3-ethyl-6-styryl-2-benzothiazolyl)-
RL: PREP (Preparation of)

RN 856786-71-5 HCAPLUS
CN Acetophenone, 2-(3-ethyl-6-styryl-2-benzothiazolyl)- (7CI) (CA INDEX NAME)



L30 ANSWER 67 OF 80 HCAPLUS COPYRIGHT 2007 ACS on STN
IT 878790-67-1, Thiocarbocyanine iodide, 3,3'-diethyl-6,6'-

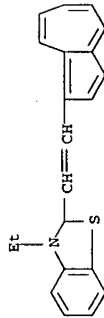
tetraethyldiamino-
(adsorption on Ag and structure of adsorption layers)
RN 878790-67-1 HCAPLUS
CN Thiocarbocyanine iodide, 3,3'-diethyl-6,6'-tetraethyldiamino- (7CI) (CA INDEX NAME)



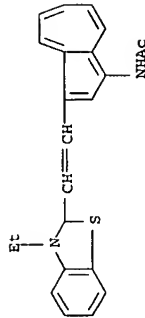
● I⁻

L30 ANSWER 68 OF 80 HCAPLUS COPYRIGHT 2007 ACS on STN
IT 94870-49-2P, Benzothiazoline, 2-[2-(1-azulenyl)vinyl]-3-ethyl-
95432-86-3P, Acetamide, N-[3-[2-(3-ethyl-2-benzothiazolyl)vinyl]-1-azulenyl]- 95437-95-9P, Benzothiazoline, 2-[2-(1-azulenyl)vinyl]-3-ethyl-5,6-dimethyl- 95822-13-2P, Benzothiazoline, 2-[2-(1-azulenyl)vinyl]-5,6-diethoxy-3-ethyl- 95941-77-8P, Benzothiazoline, 2-[2-(1-azulenyl)vinyl]-3-ethyl-5-methoxy- 96587-99-4P, Acetamide, N-[3-[2-(3-ethyl-5,6-dimethyl-2-benzothiazolyl)vinyl]-1-azulenyl]-
RL: PREP (Preparation of)

RN 94870-49-2 HCAPLUS
CN Benzothiazoline, 2-[2-(1-azulenyl)vinyl]-3-ethyl- (7CI) (CA INDEX NAME)



RN 95432-86-3 HCAPLUS
CN Acetamide, N-[3-[2-(3-ethyl-2-benzothiazolyl)vinyl]-1-azulenyl]- (7CI) (CA INDEX NAME)



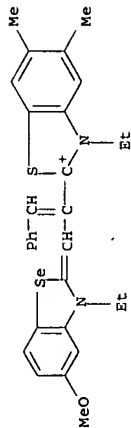
RN 95437-95-9 HCAPLUS
CN Benzothiazoline, 2-[2-(1-azulenyl)vinyl]-3-ethyl-5,6-dimethyl- (7CI) (CA INDEX NAME)

dimethyl-2-[2-(methylthio)-3-phenylpropenyl]-2-, methyl sulfate
 RL: PREP (Preparation of)

RN 856792-97-7 HCAPLUS
 CN Benzothiazolocarboxonium, 3-ethyl-2-β-[(3-ethyl-5-methoxy-2-benzoselenazolinylidene)methyl]styryl]-2,3-dihydro-5,6-dimethyl-2-, thiocyanate (6CI) (CA INDEX NAME)

CM 1

CRN 856792-96-6
 CMF C30 H31 N2 O S Se

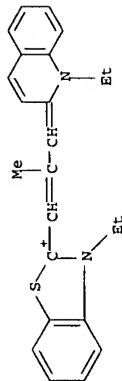


CM 2

CRN 302-04-5
 CMF C N S

-S- C≡N

RN 878793-47-6 HCAPLUS
 CN Benzothiazolocarboxonium, 3-ethyl-2-[3-(1-ethyl-2-(1H)-quinolylidene)-2-methylpropenyl]-2,3-dihydro-2-, iodide (6CI) (CA INDEX NAME)

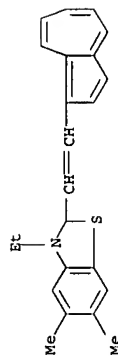


● I -

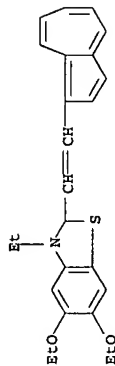
RN 878793-51-2 HCAPLUS
 CN Benzothiazolocarboxonium, 3-ethyl-2-β-[(3-ethylnaphtho[2,1-d]-thiazolin-2-ylidene)methyl]styryl]-2,3-dihydro-5,6-dimethoxy-2-, perchlorate (6CI) (CA INDEX NAME)

CM 1

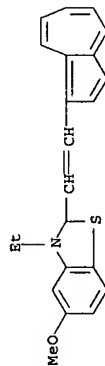
CRN 878793-50-1
 CMF C33 H31 N2 O2 S2



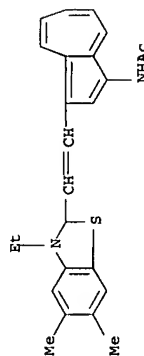
RN 95822-13-2 HCAPLUS
 CN Benzothiazoline, 2-[2-(1-azulenyl)vinyl]-5,6-diethoxy-3-ethyl-, (7CI) (CA INDEX NAME)



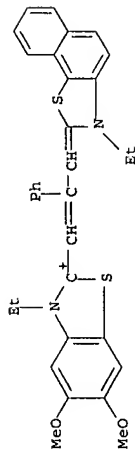
RN 95941-77-8 HCAPLUS
 CN Benzothiazoline, 2-[2-(1-azulenyl)vinyl]-3-ethyl-5-methoxy-, (7CI) (CA INDEX NAME)



RN 96587-99-4 HCAPLUS
 CN Acetamide, N-[3-[2-(3-ethyl-5,6-dimethyl-2-benzothiazolinyl)vinyl]-1-azulenyl]-, (7CI) (CA INDEX NAME)

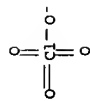


L30 ANSWER 69 OF 80 HCAPLUS COPYRIGHT 2007 ACS on STN
 IT 856792-97-7P, Benzothiazolocarboxonium, 3-ethyl-2-β-[(3-ethyl-5-methoxy-2-benzoselenazolinylidene)methyl]styryl]-2,3-dihydro-5,6-dimethyl-2-, thiocyanate 878793-47-6P, Benzothiazolocarboxonium, 3-ethyl-2-[3-(1-ethyl-2-(1H)-quinolylidene)-2-methylpropenyl]-2,3-dihydro-2-, iodide 878793-51-2P, Benzothiazolocarboxonium, 3-ethyl-2-β-[(3-ethylnaphtho[2,1-d]-thiazolin-2-ylidene)methyl]styryl]-2,3-dihydro-5,6-dimethoxy-2-, perchlorate 878793-55-6P, Benzothiazolocarboxonium, 3-ethyl-2,3-dihydro-2-[2-methyl-3-(1-methyl-2-(1H)-pyridylidene)propenyl]-2-, thiocyanate 878793-59-0P, Benzothiazolocarboxonium, 3-ethyl-2,3-dihydro-5,6-



CM 2

CRN 14797-73-0
CMF C1 O4

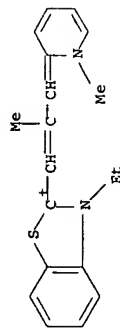


RN 878793-55-6 HCAPLUS

CN Benzothiazolocarbenium, 3-ethyl-2,3-dihydro-2-[2-methyl-3-(1-methyl-2(1H)-pyridylidene)propenyl]-2-, thiocyanate (6CI) (CA INDEX NAME)

CM 1

CRN 878793-54-5
CMF C19 H21 N2 S



CM 2

CRN 302-04-5
CMF C N S

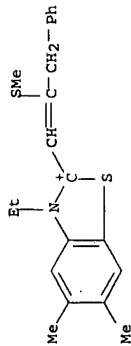


RN 878793-59-0 HCAPLUS

CN Benzothiazolocarbenium, 3-ethyl-2,3-dihydro-5,6-dimethyl-2-[2-(methylthio)-3-phenylpropenyl]-2-, methyl sulfate (6CI) (CA INDEX NAME)

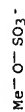
CM 1

CRN 878793-58-9
CMF C21 H24 N S2



CM 2

CRN 21228-90-0
CMF C H3 O4 S



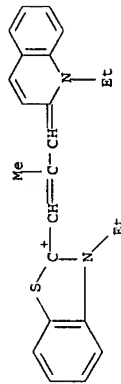
L30 ANSWER 70 OF 80 HCAPLUS COPYRIGHT 2007 ACS on STN

It 878793-47-6P, Benzothiazolocarbenium, 3-ethyl-2-[3-(1-ethyl-2(1H)-quinolylidene)-2-methylpropenyl]-2,3-dihydro-2-, iodide
878793-51-2P, Benzothiazolocarbenium, 3-ethyl-2-[3-(3-ethyl-2,3-dihydro-2,3-dihydro-5,6-dimethoxy-2-, perchlorate 878793-55-6P, Benzothiazolocarbenium, 3-ethyl-2,3-dihydro-2-[2-methyl-3-(1-methyl-2(1H)-pyridylidene)propenyl]-2-, thiocyanate 878793-59-0P, Benzothiazolocarbenium, 3-ethyl-2,3-dihydro-5,6-dimethyl-2-[2-(methylthio)-3-phenylpropenyl]-2-, methyl sulfate

RL: PREP (Preparation of)

RN 878793-47-6 HCAPLUS

CN Benzothiazolocarbenium, 3-ethyl-2-[3-(1-ethyl-2(1H)-quinolylidene)-2-methylpropenyl]-2,3-dihydro-2-, iodide (6CI) (CA INDEX NAME)

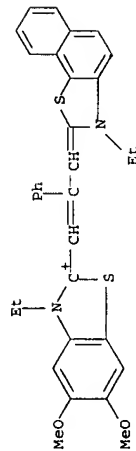


RN 878793-51-2 HCAPLUS

CN Benzothiazolocarbenium, 3-ethyl-2-[3-(3-ethyl-2,3-dihydro-5,6-dimethoxy-2-, perchlorate (6CI) (CA INDEX NAME)

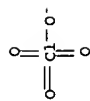
CM 1

CRN 878793-50-1
CMF C33 H31 N2 O2 S2



CM 2

CRN 14797-73-0
CMF C1 O4

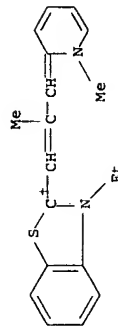


RN 878793-55-6 HCAPLUS

CN Benzothiazolocarbenium, 3-ethyl-2,3-dihydro-2-[2-methyl-3-(1-methyl-2 (1H)-pyridylidene)propenyl]-2-, thiocyanate (6CI) (CA INDEX NAME)

CM 1

CRN 878793-54-5
CMF C19 H21 N2 S



CM 2

CRN 302-04-5
CMF C N S

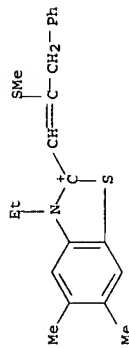


RN 878793-59-0 HCAPLUS

CN Benzothiazolocarbenium, 3-ethyl-2,3-dihydro-5,6-dimethyl-2-[2-(methylthio)-3-phenylpropenyl]-2-, methyl sulfate (6CI) (CA INDEX NAME)

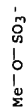
CM 1

CRN 878793-58-9
CMF C21 H24 N S2



CM 2

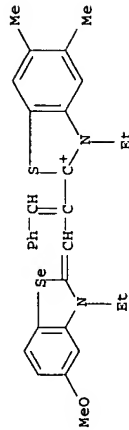
CRN 21228-90-0
CMF C H3 O4 S



IT 856792-96-6, Benzothiazolocarbenium, 3-ethyl-2-[β-[(3-ethyl-5-methoxy-2-methoxy-2-benzoselenazolinylidene)methyl]styryl]-2,3-dihydro-5,6-dimethyl-2- (salts)

RN 856792-96-6 HCAPLUS

CN Benzothiazolocarbenium, 3-ethyl-2-[β-[(3-ethyl-5-methoxy-2-benzoselenazolinylidene)methyl]styryl]-2,3-dihydro-5,6-dimethyl-2- (6CI) (CA INDEX NAME)



=> s thiazole orange

18635 THIAZOLE
4842 THIAZOLES

20477 THIAZOLE

(THIAZOLE OR THIAZOLES)

101144 ORANGE

5015 ORANGES

102772 ORANGE

(ORANGE OR ORANGES)

272 THIAZOLE ORANGE

(THIAZOLE(W) ORANGE)

L33

=> s 133 and polymethine dye

2842 POLYMETHINE

252 POLYMETHINES

2905 POLYMETHINE

(POLYMETHINE OR POLYMETHINES)

271118 DYE

220719 DYES

350920 DYE

(DYE OR DYES)

1872 POLYMETHINE DYE

(POLYMETHINE(W) DYE)

1 L33 AND POLYMETHINE DYE

L34


```

=> d 134
L34 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 2002:349175 HCAPLUS
DN 136:352289
TI Method of staining, detecting and counting bacteria, and a diluent for
bacterial stain
IN Sakai, Yasuhiro; Kawashima, Yasuyuki; Inoue, Junya; Ikeuchi, Yoshio
PA Symex Corporation, Japan
SO Eur. Pat. Appl., 16 pp.
CODEN: EPXJDX
DT Patent
LA English
FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE
-----
PI EP 1203825 A2 20020508 EP 2001-125418 20011031
EP 1203825 A3 20040204
EP 1203825 B1 20050921
R: AI, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
US 2002076743 A1 20020620 US 2001-5753 20011029
JP 200202302 A 20020719 JP 2001-335117 20011031
JP 3888876 B2 20070307
AT 305050 T 20051015 AT 2001-125418 20011031
PT 1203825 T 20051130 PT 2001-125418 20011031
ES 2244540 T3 20051216 ES 2001-1125418 20011031
US 2004175781 A1 20040909 US 2004-803667 20040318
PRAI JP 2000-334641 A 20001101
US 2001-5753 A3 20011029
OS MARPAT 136:352289

=> d his
(FILE 'HOME' ENTERED AT 15:21:32 ON 09 AUG 2007)
(FILE 'REGISTRY' ENTERED AT 15:21:42 ON 09 AUG 2007)
L1 59 S CCRGVDL/SOSP
L2 0 S L1 AND CYC7/NTE
L3 0 S L1 AND 10<SQL<14
L4 0 S CDLVGRCCCGVDLDC/SOSP
L5 59 S CCRGVDL/SOSP
L6 1 S L5 AND CYC?
L7 16 S LSASWRTQSIYFLLTDREGRDMS/SOSP
L8 6 S L7 AND SQL=484
L9 FILE 'HAPLUS' ENTERED AT 15:27:42 ON 09 AUG 2007
6 S L8

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFE, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGC, EMBAL, EMBASE...' ENTERED AT 15:31:16 ON 09 AUG 2007
SEA GELATINIZ? (P) (ALPHA (W) ANYLASE) (P) GLUCOAMYLASE
-----
0* FILE ADISNEWS
3 FILE AGRICOLA
3 FILE ANTE
0* FILE AQUALINE
4* FILE BIOENG
30 FILE BIOSIS
41* FILE BIOTECHABS

41* FILE BIOTECHDS
0* FILE BIOTECHNO
13 FILE CABA
62 FILE CAPLUS
3* FILE CEABA-VTB
0* FILE CIN
114 FILE DGENE
2 FILE DISSABS
1 FILE EMBASE
1* FILE ESIORBASE
0* FILE FOMAD
0* FILE FOREGE
9* FILE FROSTI
45* FILE FSTA
37 FILE IFIPAT
0* FILE KOSMET
4 FILE LIFESCI
2 FILE MEDLINE
1* FILE NTIS
0* FILE NUTRACEUT
14* FILE PASCAL
0* FILE PHARMWL
1 FILE PROMT
15 FILE SCISEARCH
4 FILE TOXCENTER
97 FILE USPATFULL
9 FILE USPAT2
0* FILE WATER
24 FILE WPIDS
24 FILE WPINDEX
24 QUE GELATINIZ? (P) (ALPHA (W) ANYLASE) (P) GLUCOAMYLASE
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L10
FILE 'BIOSIS, HCAPLUS, SCISEARCH' ENTERED AT 15:33:09 ON 09 AUG 2007
107 S L10
69 DUP REM L11 (38 DUPLICATES REMOVED)
L12 15 S L12 AND ASPERGILLUS
L13 0 S L12 AND BEER
L14
FILE 'REGISTRY' ENTERED AT 16:36:33 ON 09 AUG 2007
L15 STRUCTURE UPLOADED
L16 STRUCTURE UPLOADED
L17 0 S L16 SSS SAM
L18 0 S L16 SSS FULL
L19 STRUCTURE UPLOADED
L20 12 S L19 SSS FULL
L21 STRUCTURE UPLOADED
L22 677 S L21 SSS FULL
L23 STRUCTURE UPLOADED
L24 131 S L23 SSS FULL
L25 STRUCTURE UPLOADED
L26 458 S L25 SSS FULL
L27
L28 1 S L20
L29 284 S L22
L30 3 S L28 AND POLYMETHINE DYE
L31 80 S L28 AND DYE
L32 58 S L24
L33 3 S L31 AND POLYMETHINE DYE
L34 272 S THIAZOLE ORANGE
1 S L33 AND POLYMETHINE DYE
=> s 131

```

L35 58 L24

=> s l26 and polymethine dye

226 L26

2842 POLYMETHINE

252 POLYMETHINES

2905 POLYMETHINE

(POLYMETHINE OR POLYMETHINES)

271118 DYE

220719 DYES

350920 DYE

(DYE OR DYES)

1872 POLYMETHINE DYE

(POLYMETHINE(W)DYE)

7 L26 AND POLYMETHINE DYE

L36

=> d l36 hitstr 1-7

L36 ANSWER 1 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN

IT 136195-75-0P 136195-77-2P 136195-79-4P

136195-81-8P 136195-82-9P 136195-83-0P

136195-84-1P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)

(dye, preparation and properties of)

RN 136195-75-0 HCAPLUS

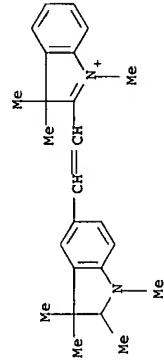
CN 3H-Indolium, 2-[2-(2,3-dihydro-1,2,3,3-tetramethyl-1H-indol-5-yl)ethenyl]-

1,3,3-trimethyl-, perchlorate (9CI) (CA INDEX NAME)

CM 1

CRN 136195-74-9

CMF C25 H31 N2



CM 2

CRN 14797-73-0

CMF Cl O4



RN 136195-77-2 HCAPLUS

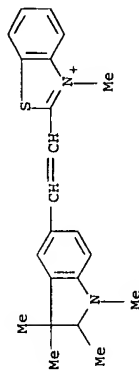
CN Benzo[h]azolum, 2-[2-(2,3-dihydro-1,2,3,3-tetramethyl-1H-indol-5-

yl)ethenyl]-3-methyl-, perchlorate (9CI) (CA INDEX NAME)

CM 1

CRN 136195-76-1

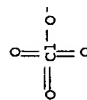
CMF C22 H25 N2 S



CM 2

CRN 14797-73-0

CMF Cl O4



RN 136195-79-4 HCAPLUS

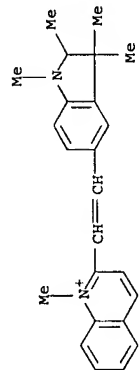
CN Quinolium, 2-[2-(2,3-dihydro-1,2,3,3-tetramethyl-1H-indol-5-yl)ethenyl]-

1-methyl-, perchlorate (9CI) (CA INDEX NAME)

CM 1

CRN 136195-78-3

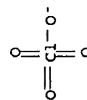
CMF C24 H27 N2



CM 2

CRN 14797-73-0

CMF Cl O4

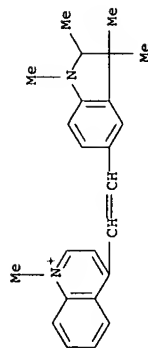


RN 136195-81-8 HCAPLUS

CN Quinolinium, 4-[2-(2,3-dihydro-1,2,3,3-tetramethyl-1H-indol-5-yl)ethenyl]-1-methyl-, perchlorate (9CI) (CA INDEX NAME)

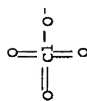
CM 1

CRN 136195-80-7
CMF C24 H27 N2

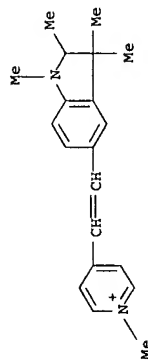


CM 2

CRN 14797-73-0
CMF Cl O4

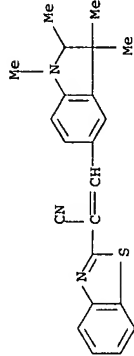


RN 136195-82-9 HCAPLUS
CN Pyridinium, 4-[2-(2,3-dihydro-1,2,3,3-tetramethyl-1H-indol-5-yl)ethenyl]-1-methyl-, iodide (9CI) (CA INDEX NAME)

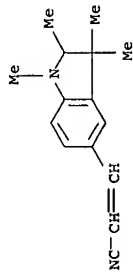


● I -

RN 136195-83-0 HCAPLUS
CN 2-Benzothiazoleacetoneitrile, α-[(2,3-dihydro-1,2,3,3-tetramethyl-1H-indol-5-yl)methylene]- (9CI) (CA INDEX NAME)

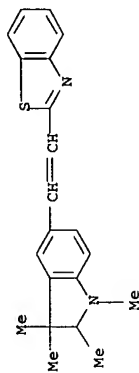


RN 136195-84-1 HCAPLUS
CN 2-Propenenitrile, 3-(2,3-dihydro-1,2,3,3-tetramethyl-1H-indol-5-yl)- (9CI)
(CA INDEX NAME)

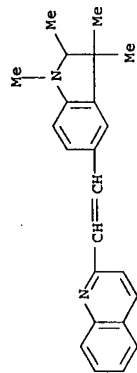


IT 136195-95-4P 136195-96-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(Preparation and reaction of, with styryl dyes)

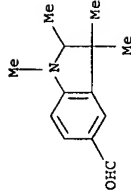
RN 136195-95-4 HCAPLUS
CN Benzo[1,2,3,3'-tetramethyl-1,2,3,3'-tetramethyl-1H-indol-5-yl]ethenyl]- (9CI) (CA INDEX NAME)



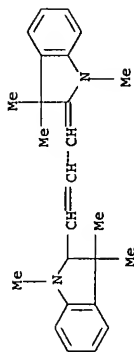
RN 136195-96-5 HCAPLUS
CN Quinoline, 2-[2-(2,3-dihydro-1,2,3,3-tetramethyl-1H-indol-5-yl)ethenyl]- (9CI) (CA INDEX NAME)



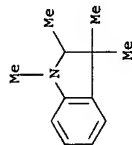
IT 111511-16-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with heterocyclic compds., for styryl dyes)
RN 111511-16-1 HCAPLUS
CN 1H-Indole-5-carboxaldehyde, 2,3-dihydro-1,2,3,3-tetramethyl- (9CI) (CA INDEX NAME)



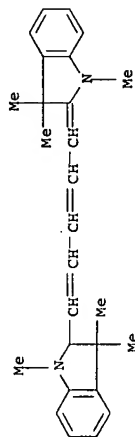
L36 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
 IT 3571-35-5P 13034-76-9P 54269-06-6P
 137142-99-5P 137143-00-1P 137143-06-7P
 137143-11-4P 137143-16-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 3571-35-5 HCAPLUS
 CN 1H-Indole, 2-[3-(1,3-dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)-1-propenyl]-2,3-dihydro-1,3,3-trimethyl- (9CI) (CA INDEX NAME)



RN 13034-76-9 HCAPLUS
 CN 1H-Indole, 2,3-dihydro-1,2,3,3-tetramethyl- (CA INDEX NAME)

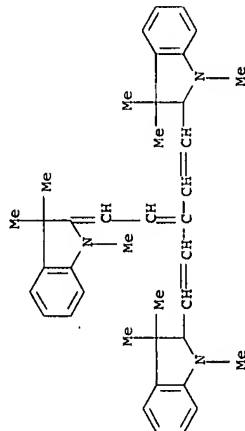


RN 54269-06-6 HCAPLUS
 CN 1H-Indole, 2-[5-(1,3-dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)-1,3-pentadienyl]-2,3-dihydro-1,3,3-trimethyl- (9CI) (CA INDEX NAME)

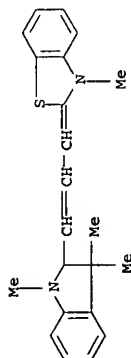


RN 137142-99-5 HCAPLUS
 CN 1H-Indole, 2,2'-[3-[(1,3-dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)ethylenidene]-1,4-pentadiene-1,5-diyl]bis[2,3-dihydro-1,3,3-

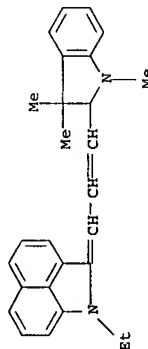
trimethyl- (9CI) (CA INDEX NAME)



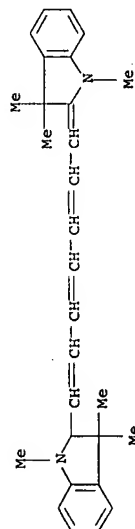
RN 137143-00-1 HCAPLUS
 CN Benzoisazole, 2-[3-(2,3-dihydro-1,3,3-trimethyl-1H-indol-2-yl)-2-propenylidene]-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



RN 137143-06-7 HCAPLUS
 CN Benz[cd]indole, 2-[3-(2,3-dihydro-1,3,3-trimethyl-1H-indol-2-yl)-2-propenylidene]-1-ethyl-1,2-dihydro- (9CI) (CA INDEX NAME)

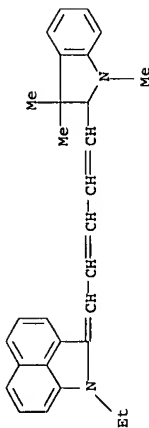


RN 137143-11-4 HCAPLUS
 CN 1H-Indole, 2-[7-(2,3-dihydro-1,3,3-trimethyl-1H-indol-2-yl)-2,4,6-heptatrienylenidene]-2,3-dihydro-1,3,3-trimethyl- (9CI) (CA INDEX NAME)

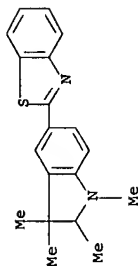


RN 137143-16-9 HCAPLUS

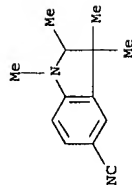
CN Benz[cd]indole, 2-[5-(2,3-dihydro-1,3,3-trimethyl-1H-indol-2-yl)-2,4-pentadienylidene]-1-ethyl-1,2-dihydro- (9CI) (CA INDEX NAME)



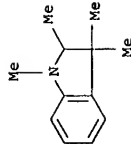
L36 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
IT 132255-00-6P
RN 132255-00-6 HCAPLUS
CN Benzo[thiazole], 2-(2,3-dihydro-1,2,3,3-tetramethyl-1H-indol-5-yl)- (9CI)
(CA INDEX NAME)
RL: SYN (Synthetic preparation); PREP (Preparation)
RL: SYN (Synthetic preparation); PREP (Preparation)
(Preparation and conversion of, to methylene analog)



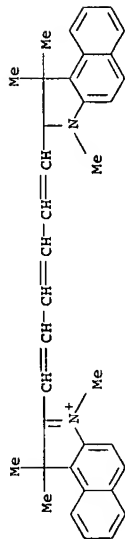
IT 111511-19-4
RL: RCT (Reactant); RACT (Reactant or reagent)
RL: RCT (Reactant); RACT (Reactant or reagent)
RN 111511-19-4 HCAPLUS
CN 1H-Indole-5-carbonitrile, 2,3-dihydro-1,2,3,3-tetramethyl- (9CI) (CA INDEX NAME)



L36 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
IT 13034-76-9DP, derivs.
RN 13034-76-9 HCAPLUS
CN 1H-Indole, 2,3-dihydro-1,2,3,3-tetramethyl- (CA INDEX NAME)
RL: SYN (Synthetic preparation); PREP (Preparation)
(Preparation of, for polymethine dyes)



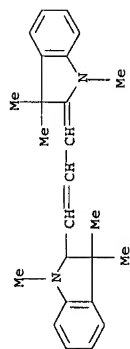
L36 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
IT 117029-76-2
RL: USES (Uses)
(Optical recording material containing dithiol complexes and)
RN 117029-76-2 HCAPLUS
CN 1H-Benz[e]indolium, 2-[6-(2,3-dihydro-1,1,3-trimethyl-1H-benz[e]indol-2-yl)-1,3,5-hexatrienyl]-1,1,3-trimethyl-, perchlorate (9CI) (CA INDEX NAME)
CM 1
CRN 117029-75-1
CMF C36 H37 N2



CM 2
CRN 14797-73-0
CMF Cl O4



L36 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
IT 3571-35-5, Indoline, 2,2'-(1-propen-1-yl-3-ylidene)bis(1,3,3-trimethyl- (mol. orbitals and spectrum of)
RN 3571-35-5 HCAPLUS
CN 1H-Indole, 2-[3-(1,3-dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)-1-propenyl]-2,3-dihydro-1,3,3-trimethyl- (9CI) (CA INDEX NAME)



L36 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2007 ACS ON STN
 IT 3571-35-5, indoline, 2,2'-(1-propen-1-yl-3-ylidene)bis[1,3,3-trimethyl-
 (methylene-HCHO reaction product dyeing with)
 RN 3571-35-5 HCAPLUS
 CN 1H-indole, 2-(3-(1,3-dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)-1-propenyl)-2,3-dihydro-1,3,3-trimethyl- (9CI) (CA INDEX NAME)

